

ABSTRACT OF THE DISCLOSURE

5 A haptic feedback remote control device provides control signals to a toy device, such as a car, boat, plane, etc., to control the toy's operation. The remote control device includes a housing and at least one control for manual manipulation by the user, where control signals representing the manipulation are sent to the toy, preferably transmitted wirelessly. An actuator outputs forces on the housing and/or on a control in response to actuator signals. A controller
10 provides the actuator signals based on the manual manipulation of the control by the user, or based on status signals from the toy indicating the toy's actions or interactions, or based on both. In one embodiment, the actuator moves an inertial mass to provide inertial sensations on the housing. The information received from the toy device can include information from a contact sensor or inertial sensor on the toy device.